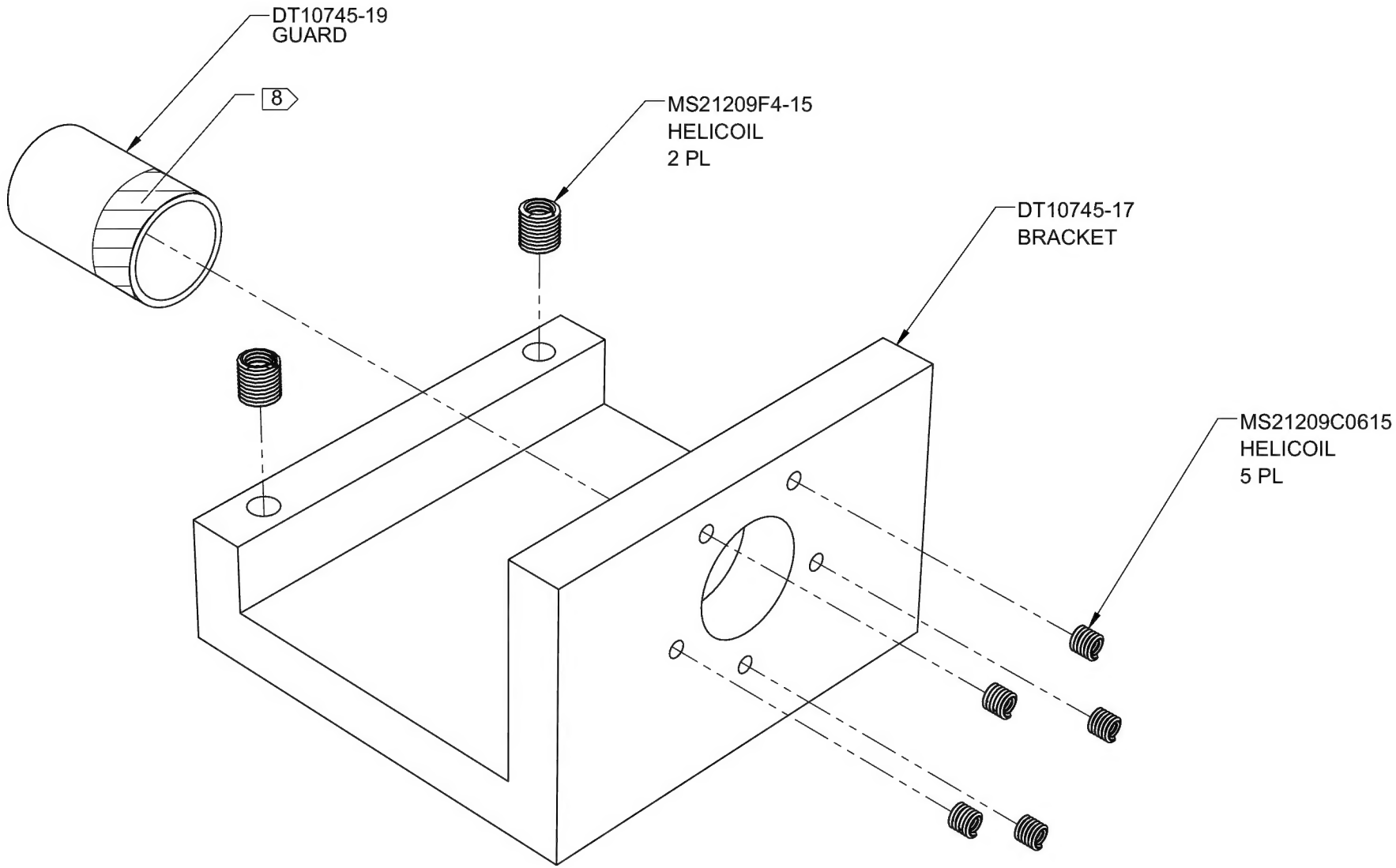


QTY -055	P/N	DESCRIPTION	SUPPLIER
X	DT10745-055	ADAPTER, BAYONET HOUSING	
1	DT10745-17	BRACKET	
1	DT10745-19	GUARD	
A/R	DP460	EPOXY	3M
5	MS21209C0615	HELICOIL	
2	MS21209F4-15	HELICOIL	



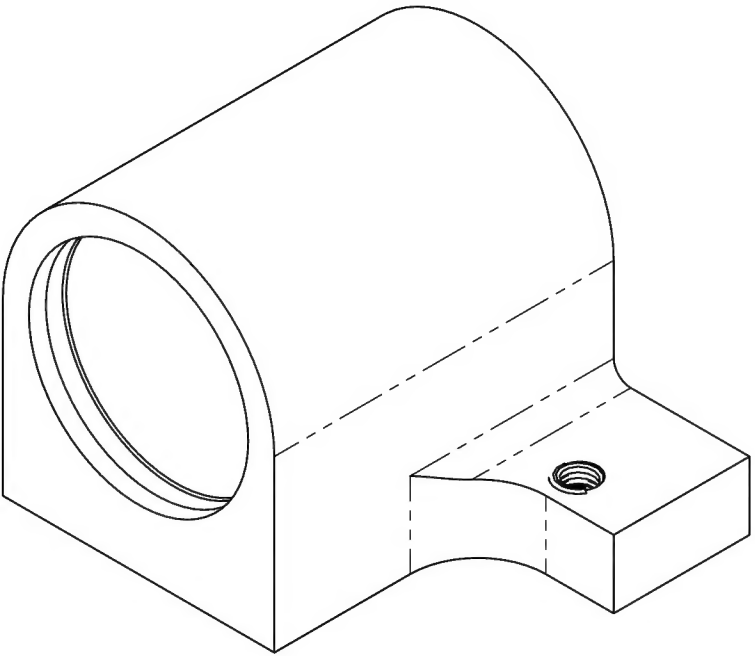
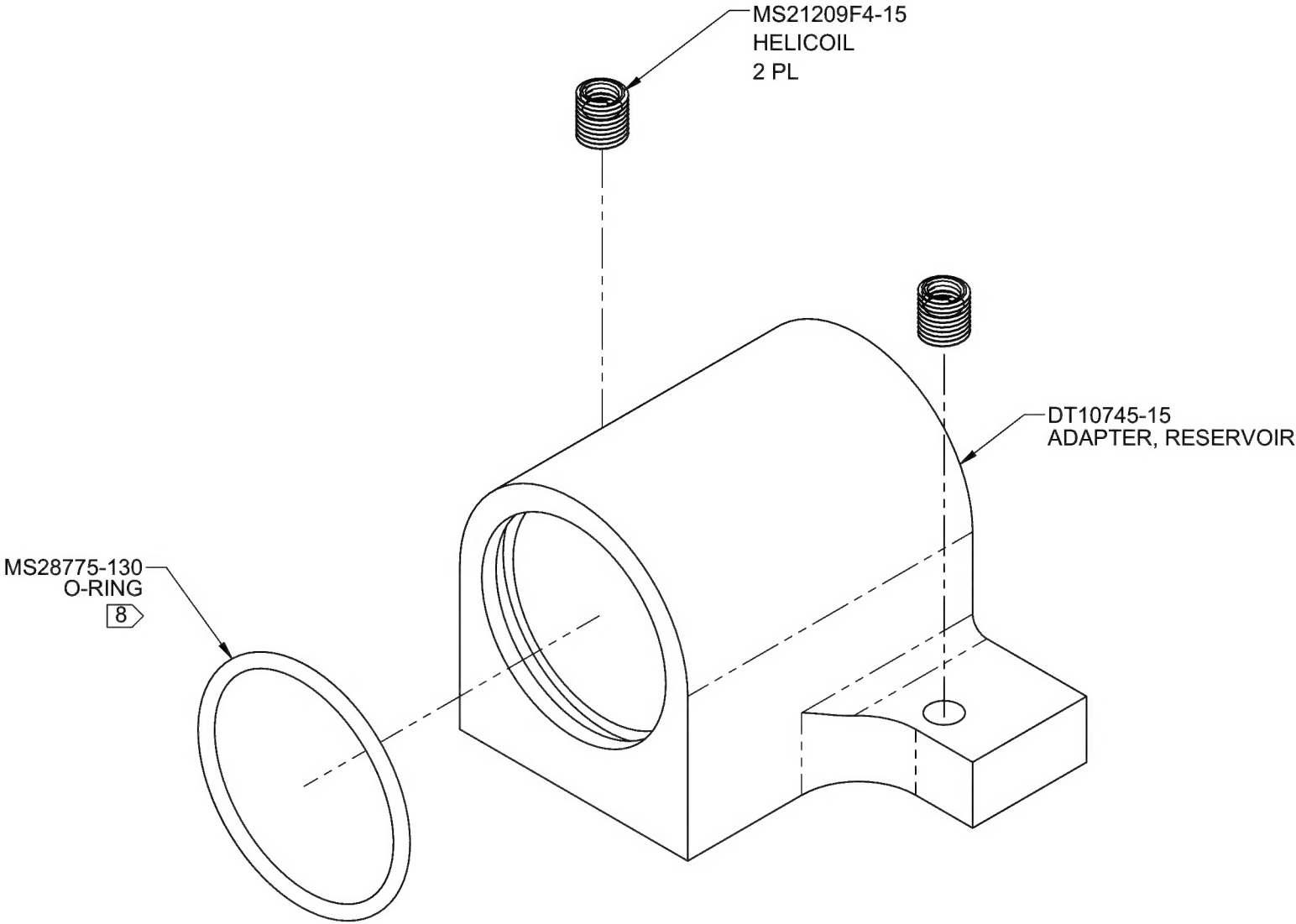
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-055" PER QSI 044 6.5
7) WEIGHT: 1.25 lbs
8) APPLY EPOXY TO AREA INDICATED. ENSURE GUARD IS PERPENDICULAR TO SURFACE WHILE EPOXY CURES

PRELIMINARY ISSUE

DT10745-055 ADAPTER, BAYONET HOUSING

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 4 OF 29
APPROVED		TITLE SCALE
DE APPR.		KIT, VALVE PULL TEST NTS
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QTY -057	P/N	DESCRIPTION	SUPPLIER
X	DT10745-057	RESERVOIR ADAPTER ASSEMBLY	
1	DT10745-15	ADAPTER, RESERVOIR	
1	MS28775-130	O-RING	
A/R	240AZ	O-RING LUBRICANT	KRYTOX
2	MS21209F4-15	HELICOIL	



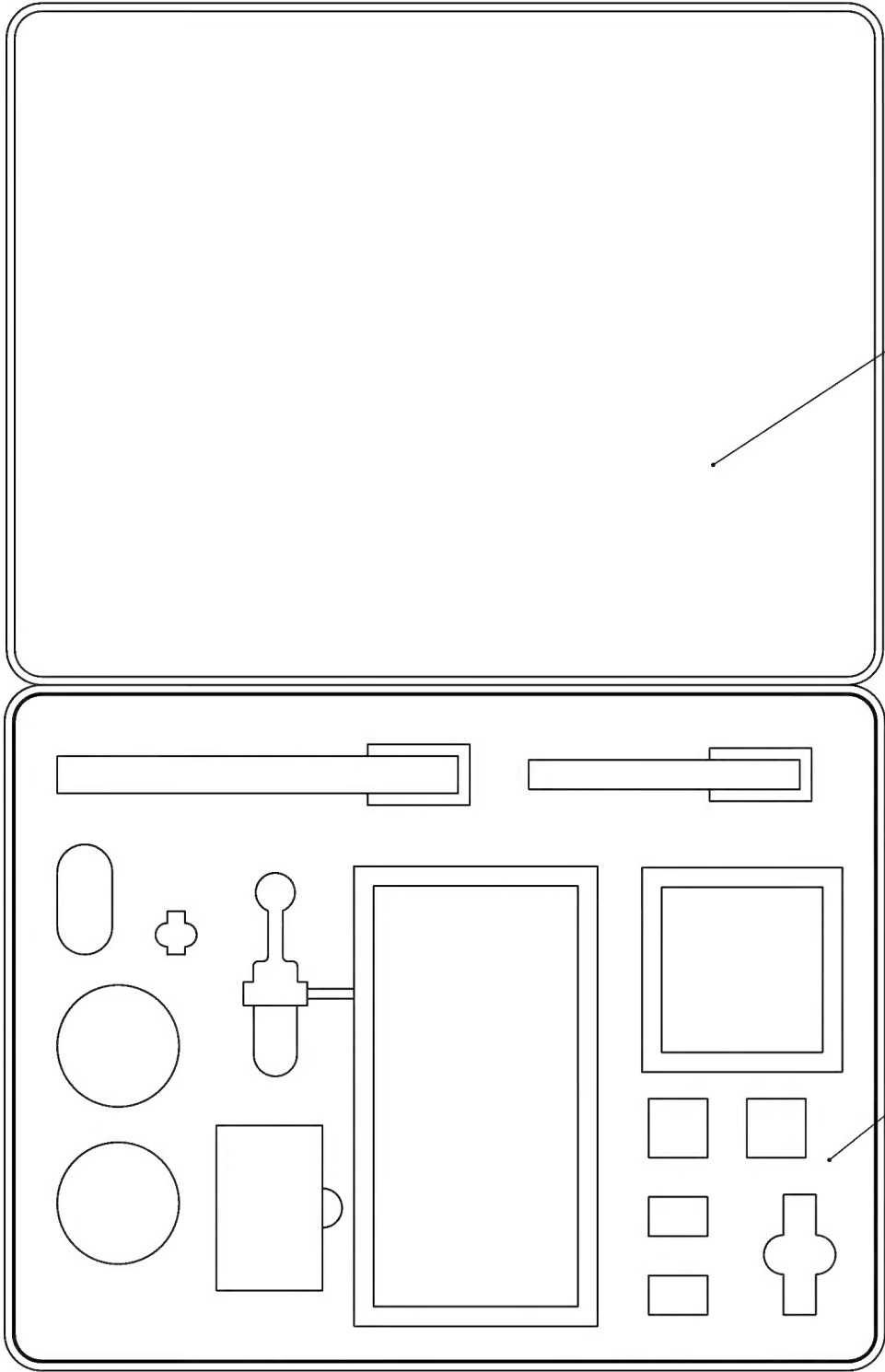
DT10745-057 RESERVOIR ADAPTER ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-057" PER QSI 044 6.5
 - 7) WEIGHT: 0.61 lbs
 - 8) APPLY O-RING LUBRICANT TO ENTIRE SURFACE OF O-RING PRIOR TO INSTALLATION

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 5 OF 29
APPROVED		TITLE SCALE
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QTY -059	P/N	DESCRIPTION
X	DT10745-059	PACKAGING ASSEMBLY
1	1600	PELICAN CASE
1	DT10745-23	FOAM, BOTTOM
1	DT10745-25	FOAM, TOP



DT10745-059 PACKAGING ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-059" PER QSI 044 6.5
7) WEIGHT: N/A

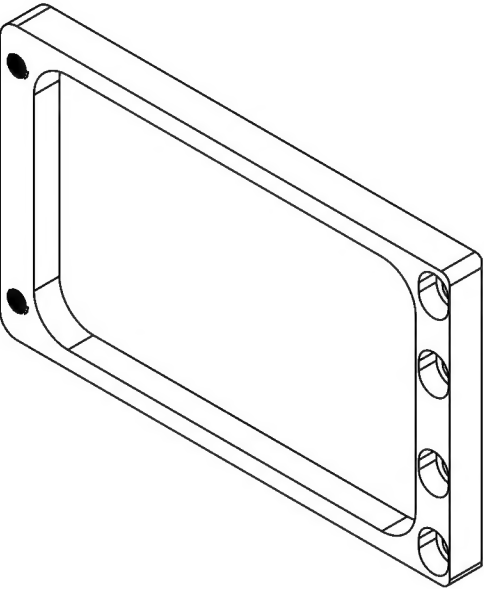
PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 6 OF 29
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QTY -061	P/N	DESCRIPTION
X	DT10745-061	PLATE ASSEMBLY
1	DT10745-29	PLATE
2	MS21209F4-15	HELICOIL

MS21209F4-15
HELICOIL
2 PL

DT10745-29
PLATE



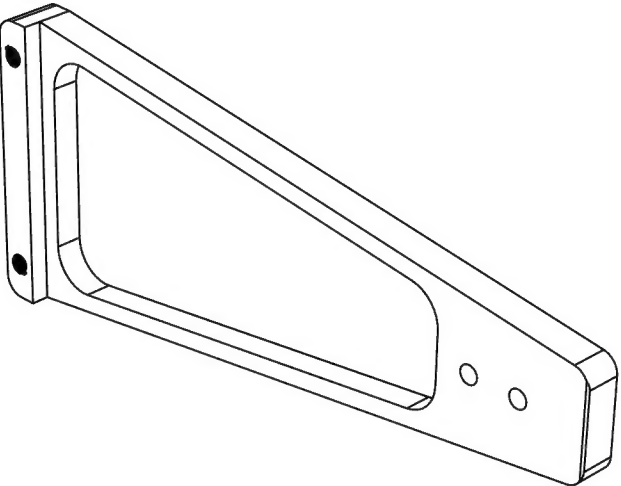
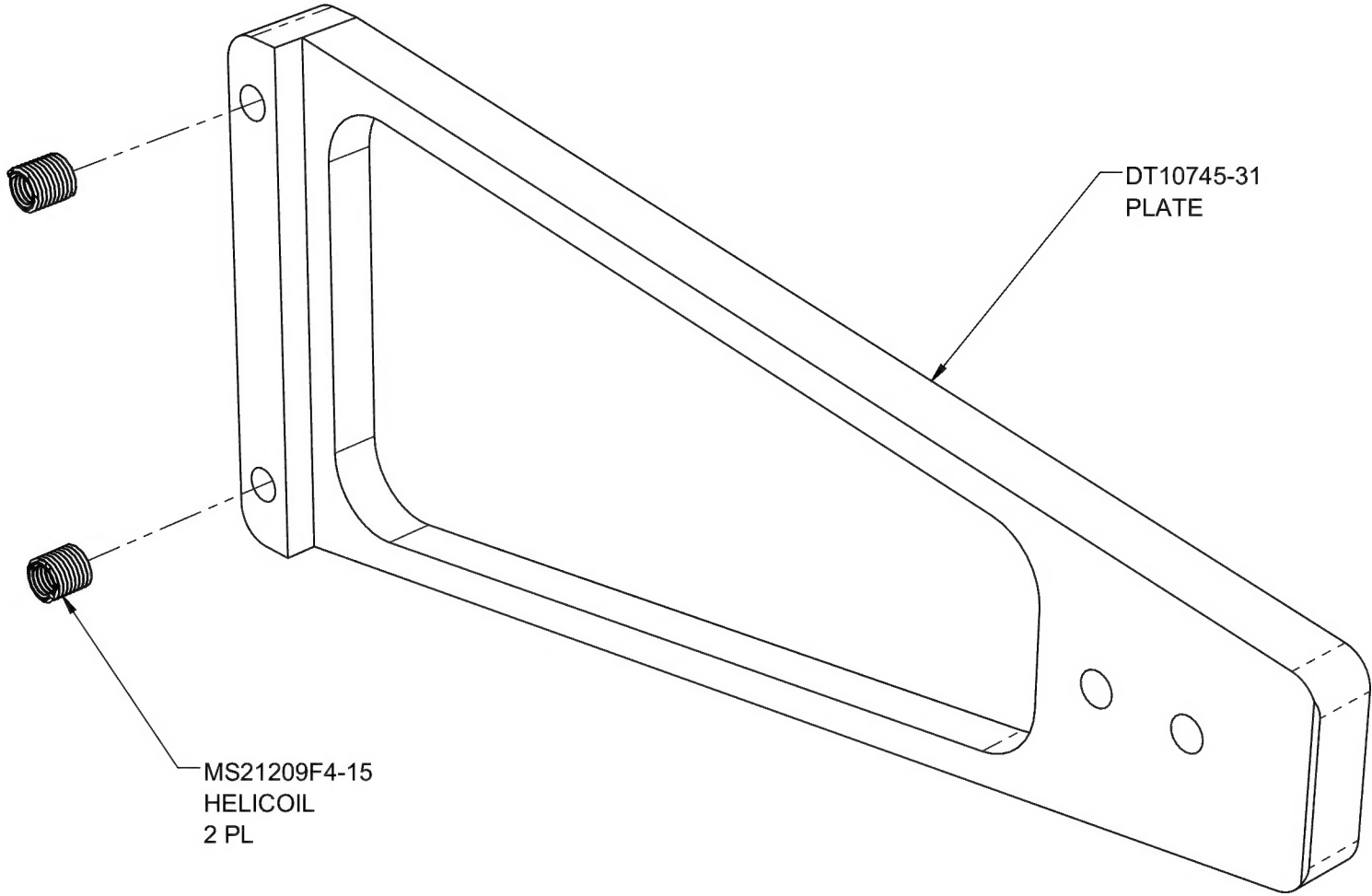
DT10745-061 PLATE ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-061" PER QSI 044 6.5
7) WEIGHT: N/A

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 7 OF 29
APPROVED		TITLE SCALE
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QTY -063	P/N	DESCRIPTION
X	DT10745-063	PLATE ASSEMBLY
1	DT10745-31	PLATE
2	MS21209F4-15	HELICOIL



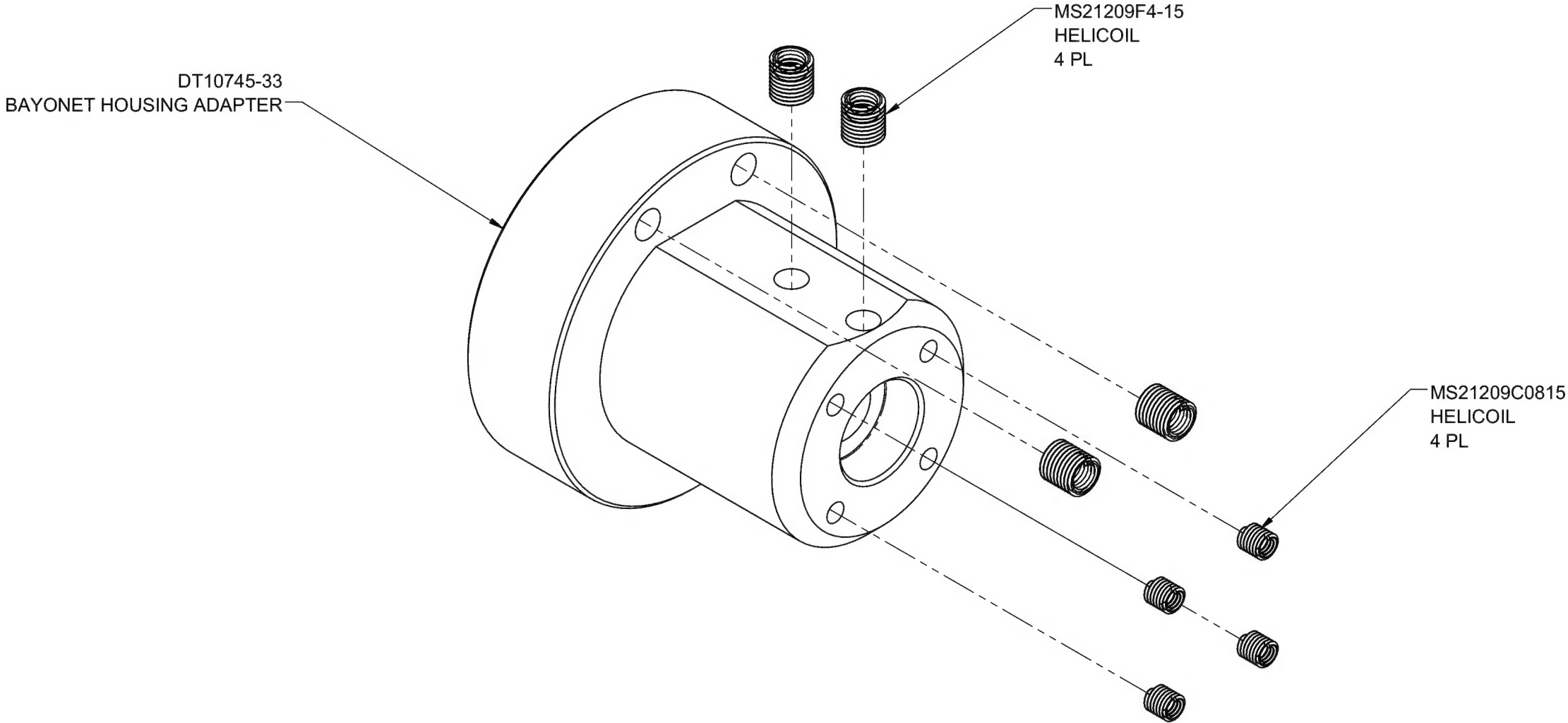
DT10745-063 PLATE ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-063" PER QSI 044 6.5
 - 7) WEIGHT: N/A

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 8 OF 29
APPROVED		TITLE SCALE
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QTY -065	P/N	DESCRIPTION
X	DT10745-065	ADAPTER, BAYONET HOUSING
1	DT10745-33	BAYONET HOUSING ADAPTER
4	MS21209F4-15	HELICOIL
4	MS21209C0815	HELICOIL



DT10745-065 ADAPTER, BAYONET HOUSING

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-065" PER QSI 044 6.5
7) WEIGHT: N/A

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 9 OF 29
APPROVED		TITLE SCALE
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QTY -067	P/N	DESCRIPTION
X	DT10745-067	ADAPTER, BAYONET HOUSING
1	DT10745-35	BAYONET HOUSING ADAPTER
2	MS21209F4-15	HELICOIL
4	MS21209C0815	HELICOIL

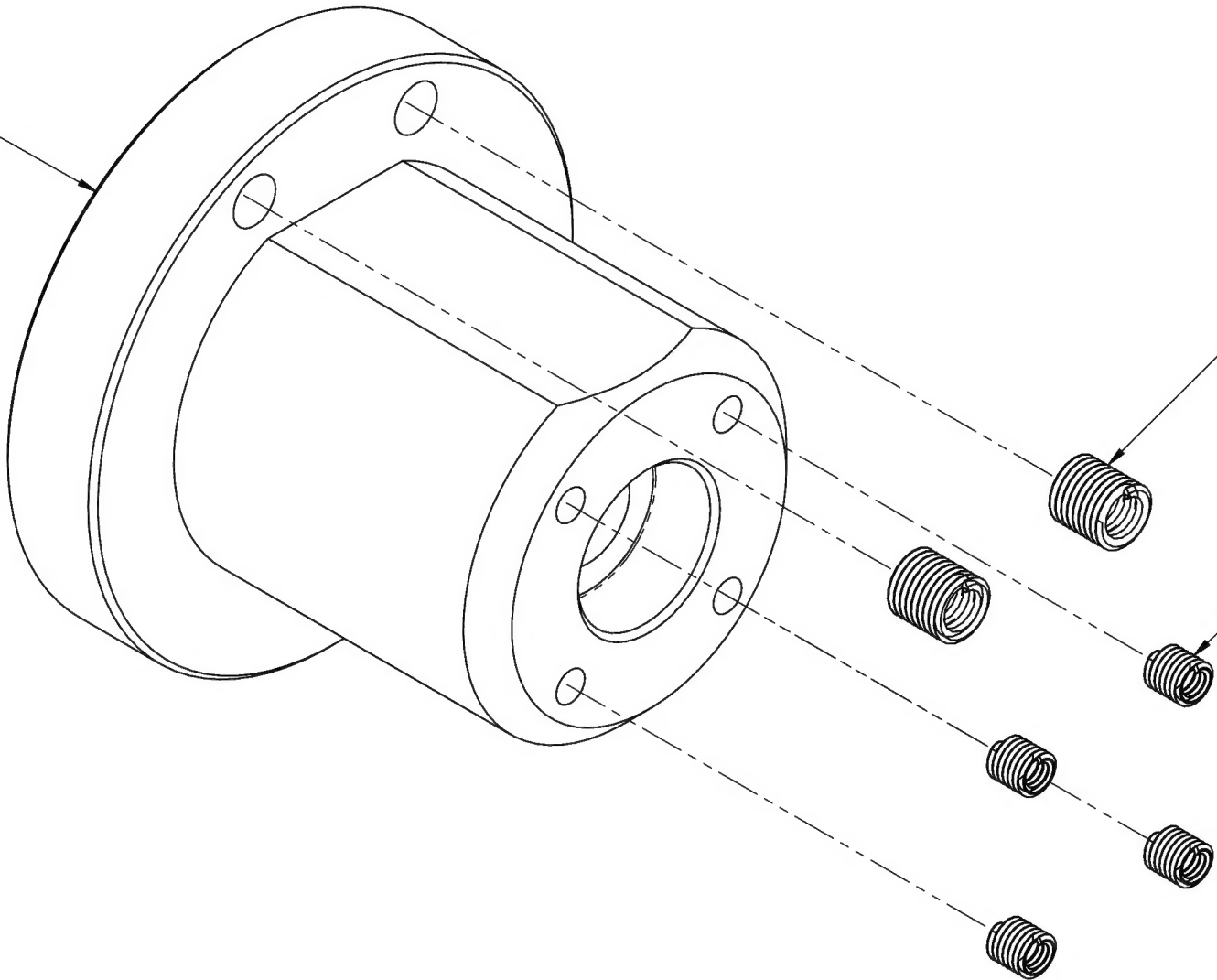
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C

B

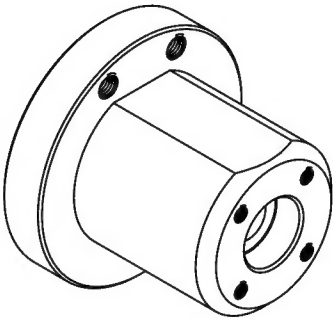
A

DT10745-35
BAYONET HOUSING ADAPTER



MS21209F4-15
HELICOIL
2 PL

MS21209C0815
HELICOIL
4 PL



DT10745-067 ADAPTER, BAYONET HOUSING

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-067" PER QSI 044 6.5
- 7) WEIGHT: N/A

PRELIMINARY ISSUE

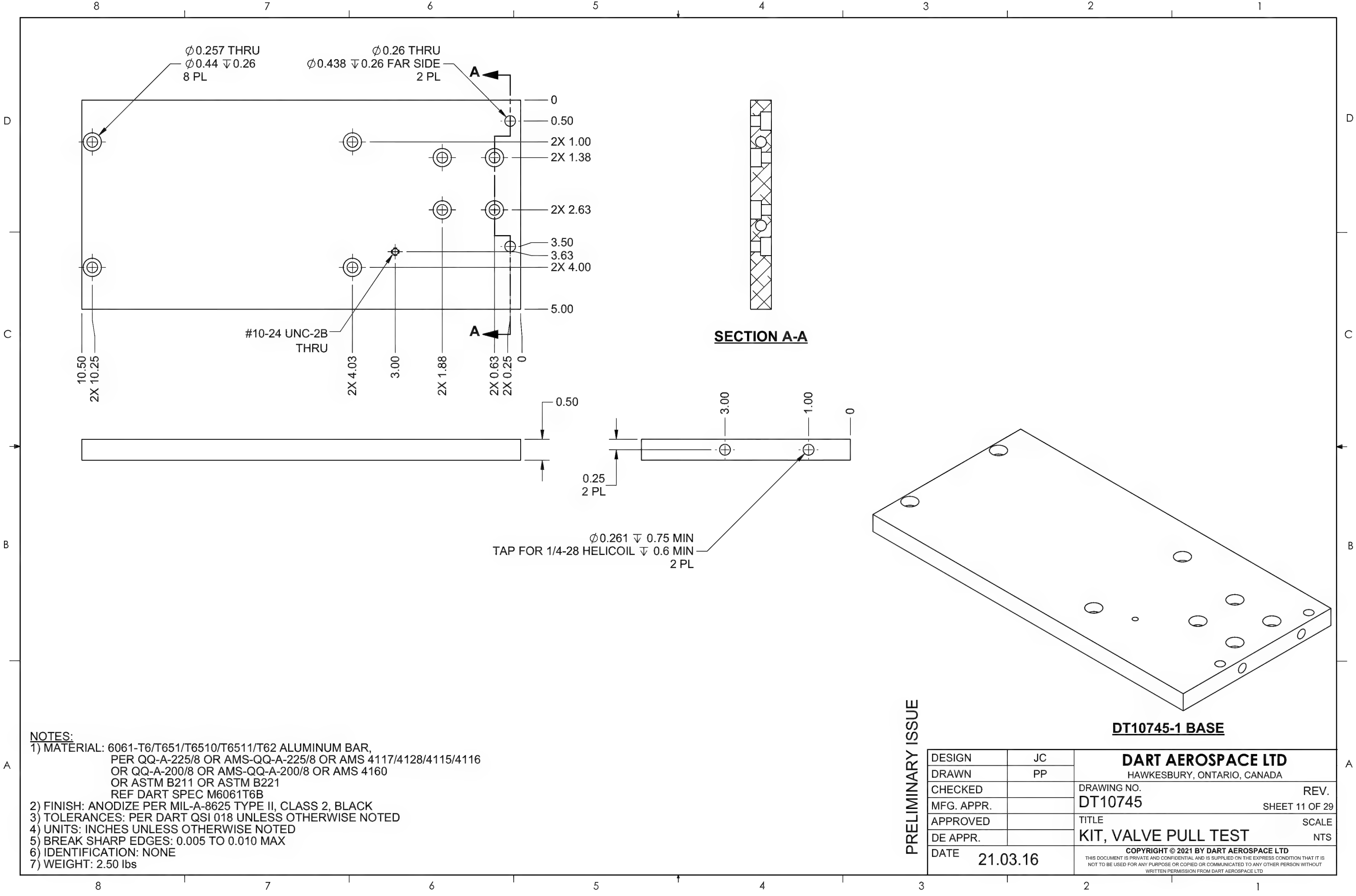
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DRAWN	PP		
CHECKED		DRAWING NO. DT10745	REV.
MFG. APPR.			SHEET 10 OF 29
APPROVED		TITLE KIT, VALVE PULL TEST	SCALE NTS
DE APPR.			
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D

C

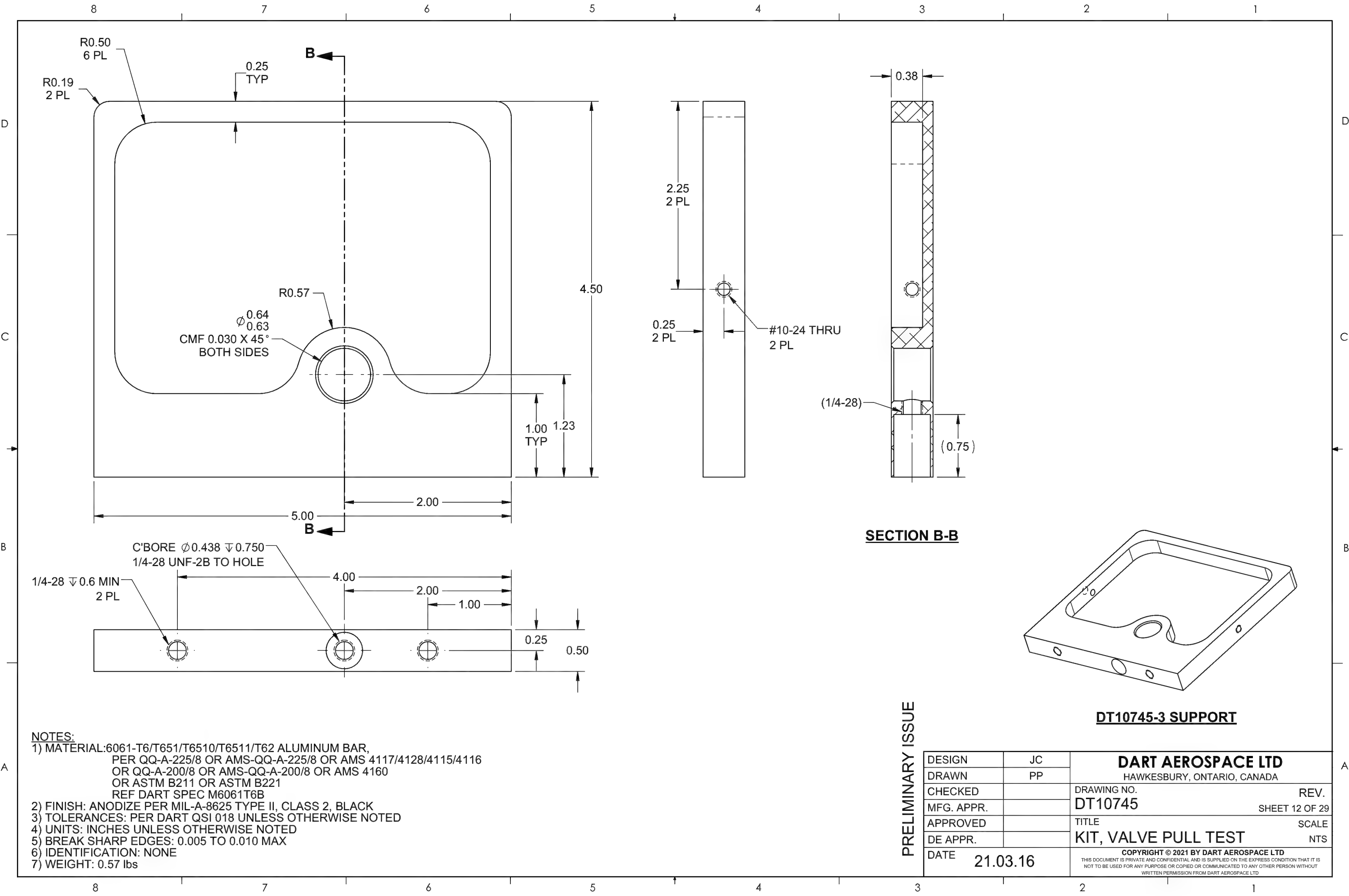
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A



PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO. DT10745	REV.
MFG. APPR.			SHEET 11 OF 29
APPROVED		TITLE KIT, VALVE PULL TEST	SCALE NTS
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DATE	21.03.16		

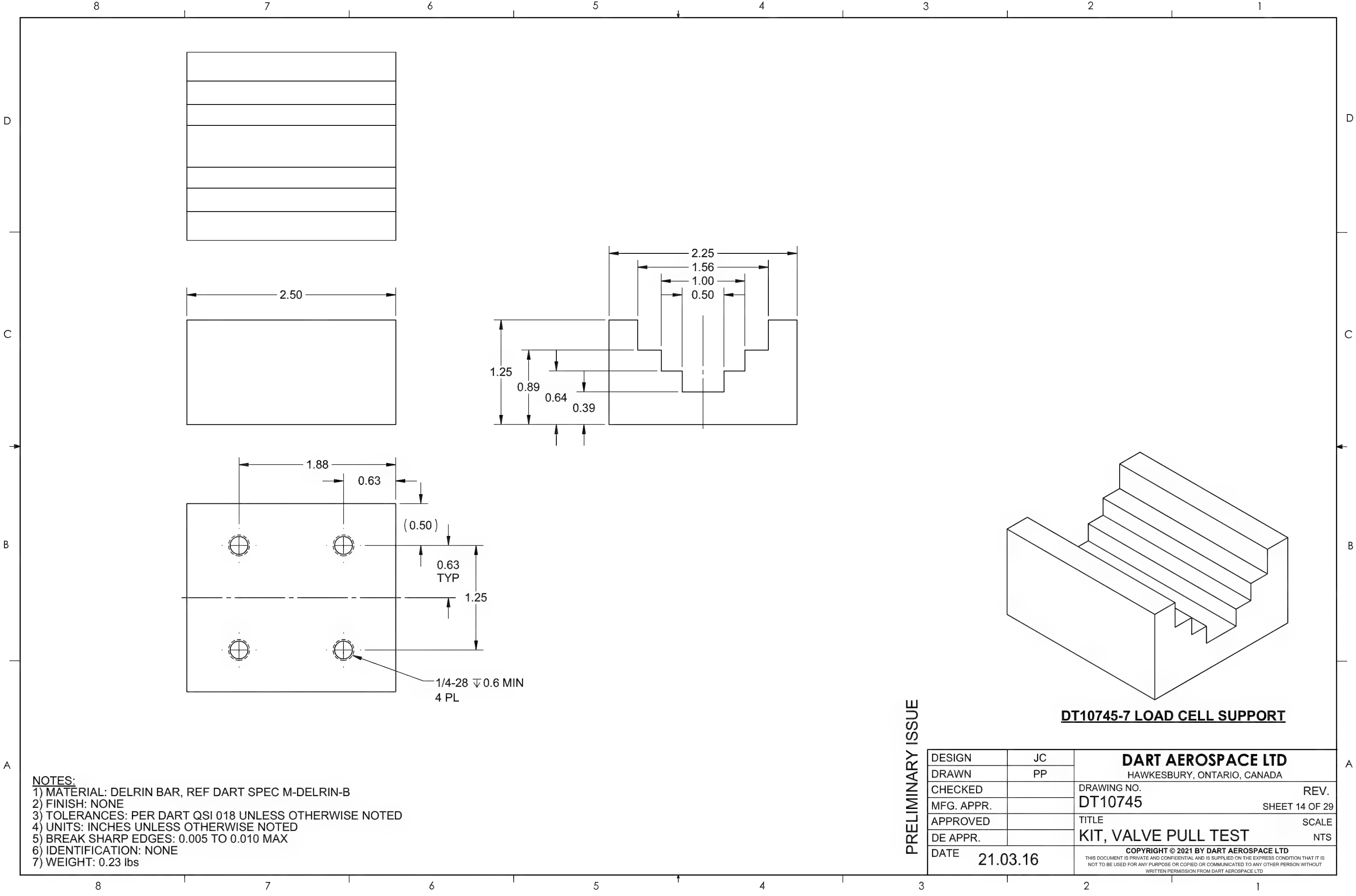


SECTION B-B

DT10745-3 SUPPORT

PRELIMINARY ISSUE

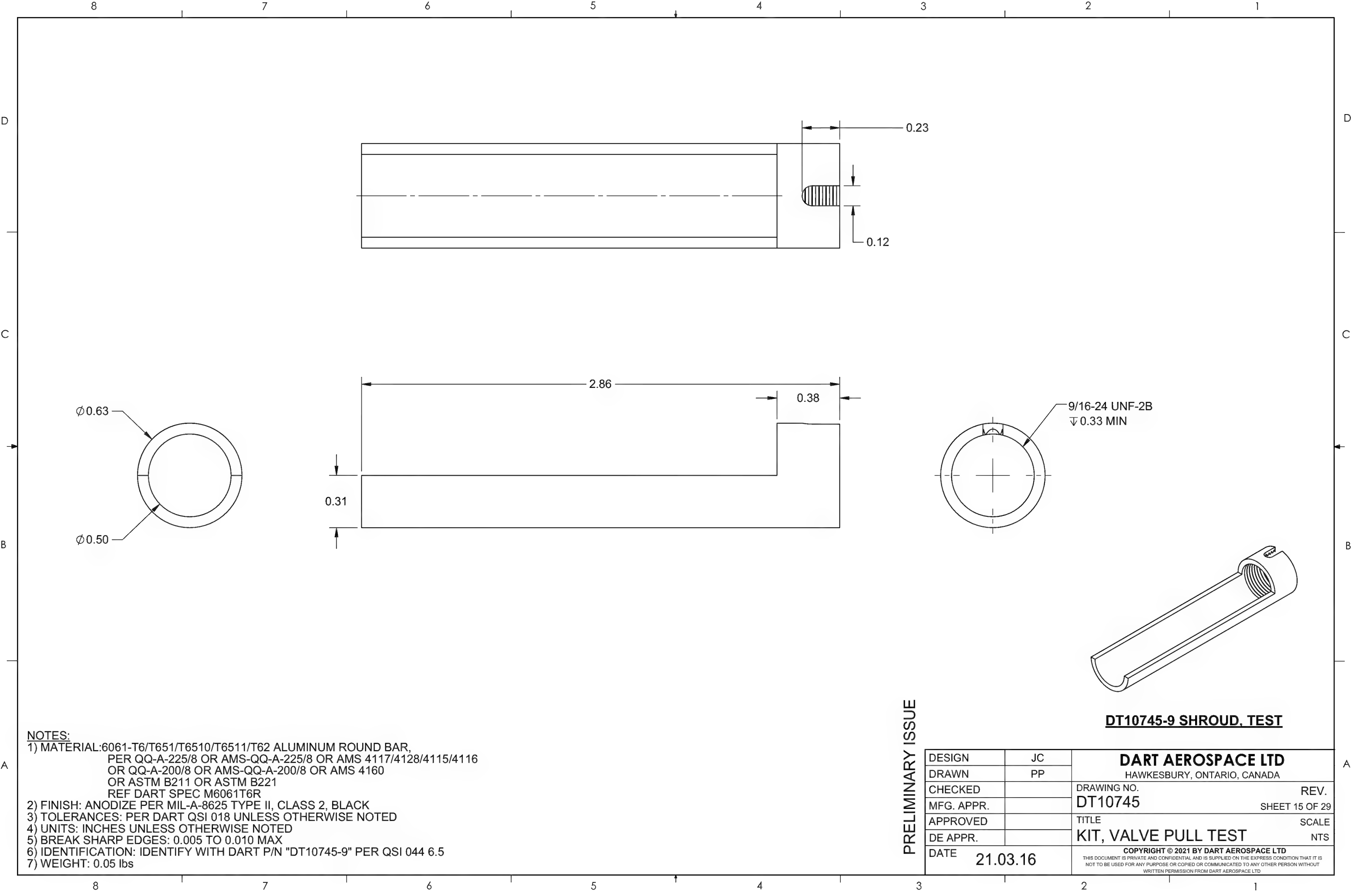
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DRAWN	PP		
CHECKED		DRAWING NO. DT10745	REV.
MFG. APPR.			SHEET 12 OF 29
APPROVED		TITLE KIT, VALVE PULL TEST	SCALE NTS
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DATE	21.03.16		

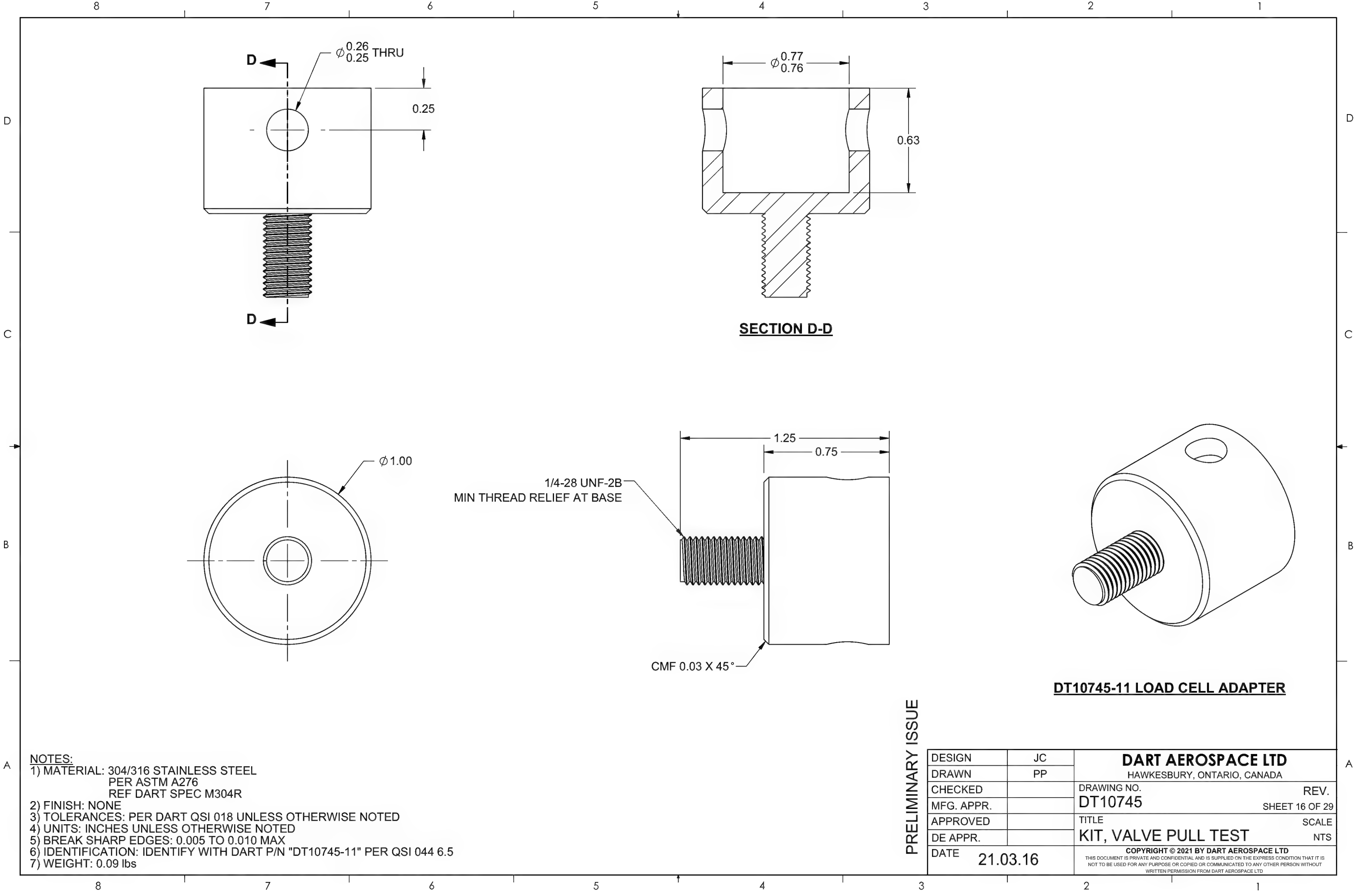


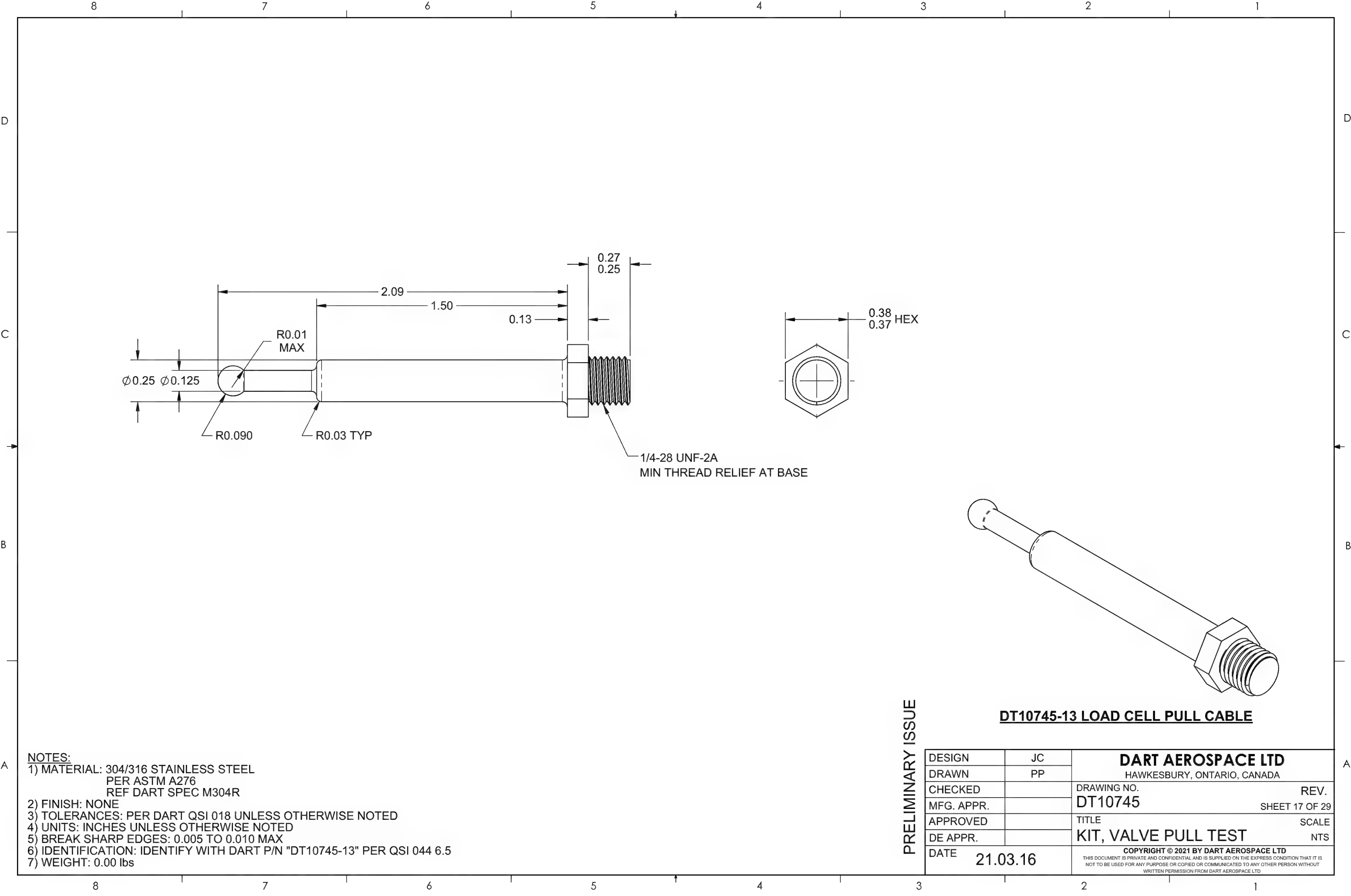
NOTES:
1) MATERIAL: DELRIN BAR, REF DART SPEC M-DELRIN-B
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.23 lbs

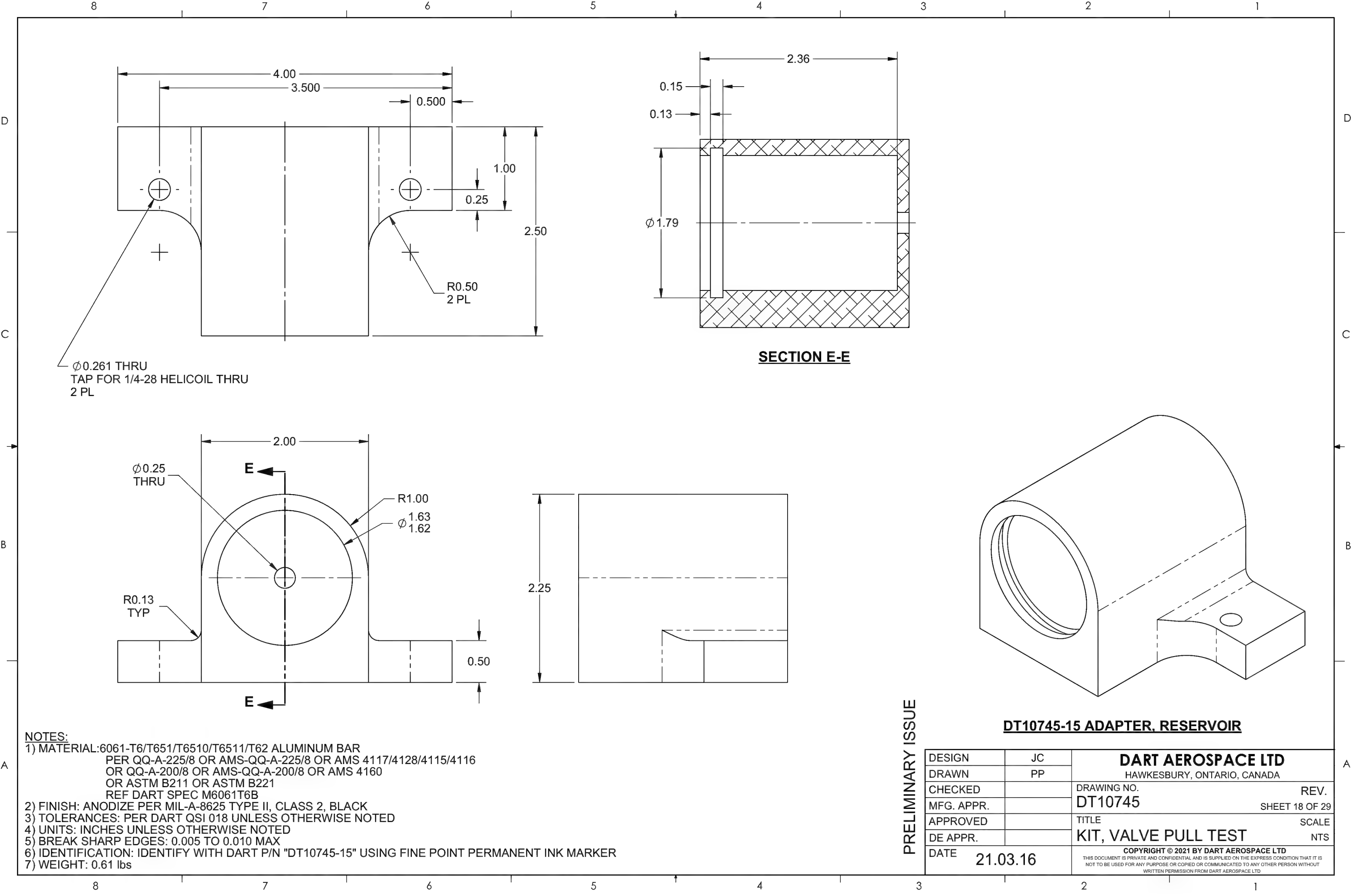
DT10745-7 LOAD CELL SUPPORT

PRELIMINARY ISSUE





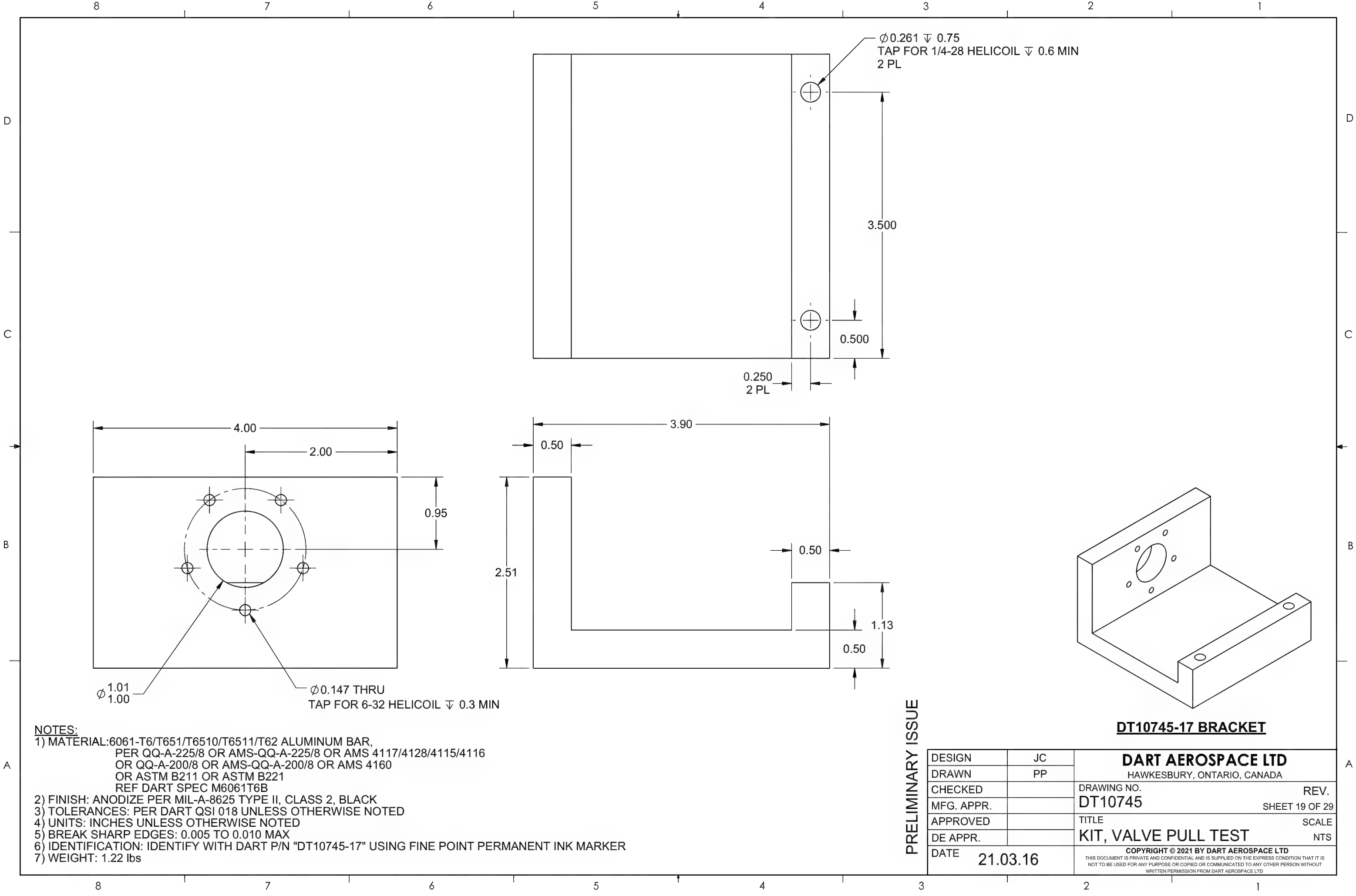




PRELIMINARY ISSUE

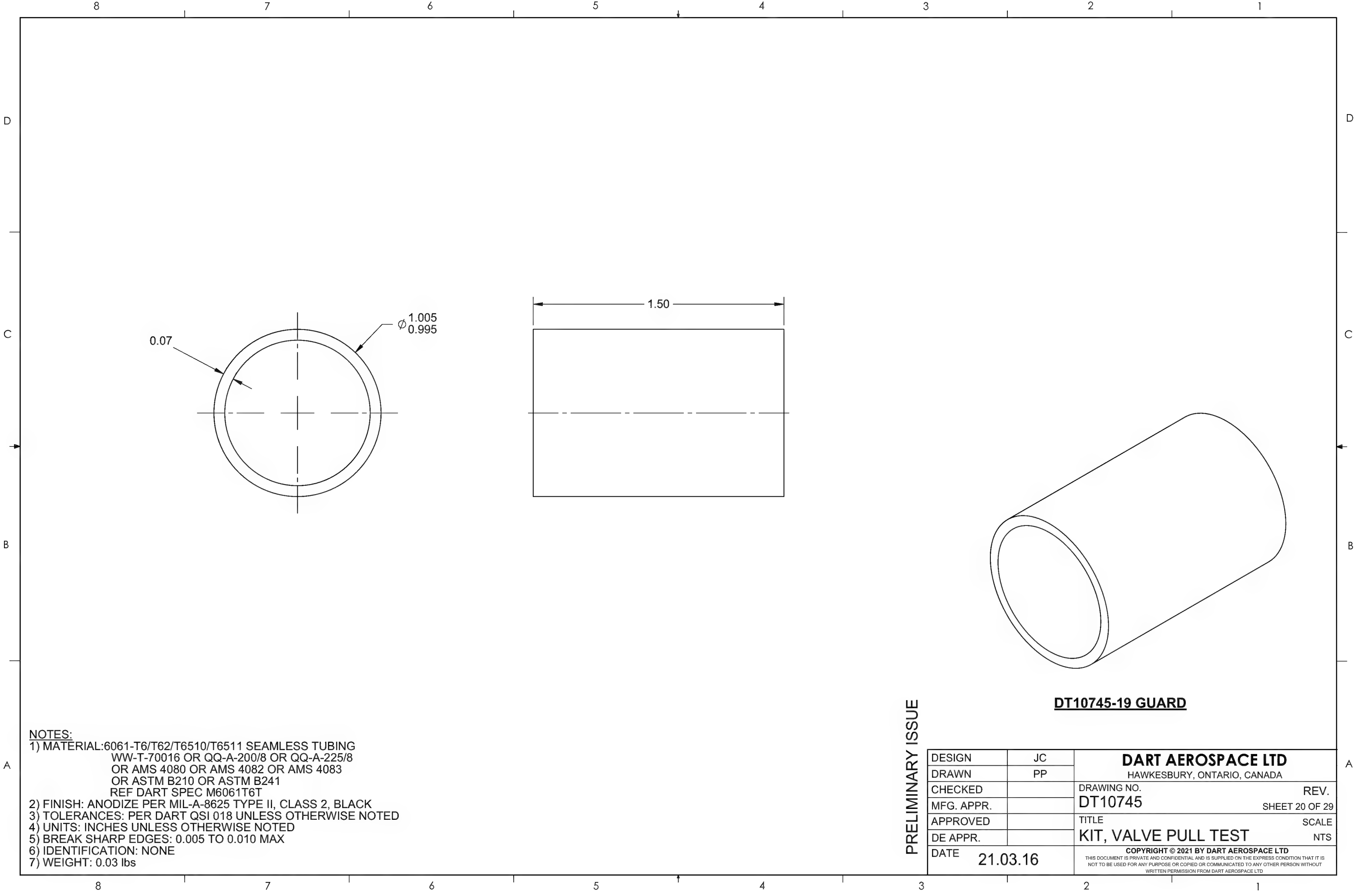
DT10745-15 ADAPTER, RESERVOIR

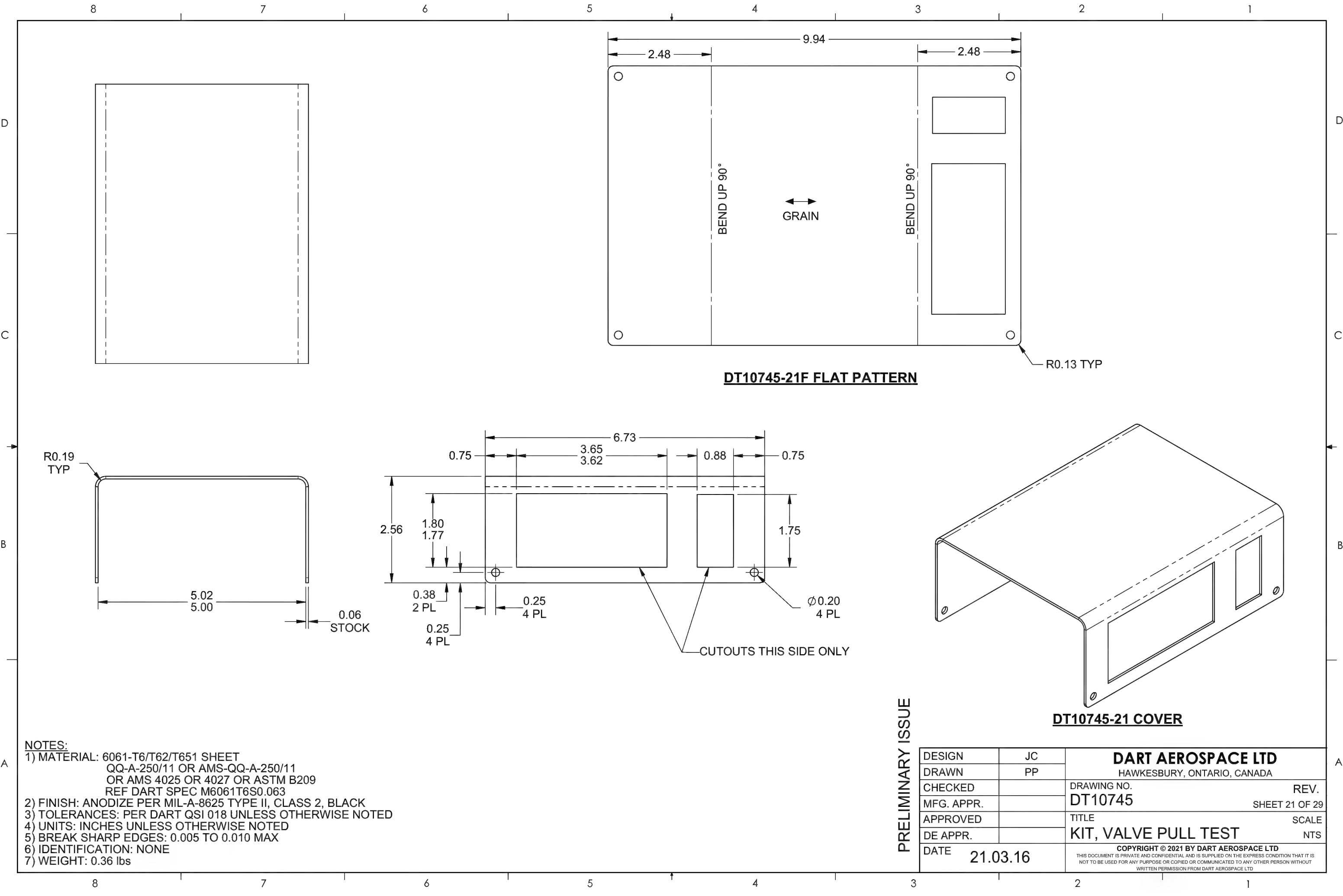
DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO. DT10745	REV. SHEET 18 OF 29
MFG. APPR.		TITLE KIT, VALVE PULL TEST	
APPROVED			
DE APPR.		SCALE NTS	
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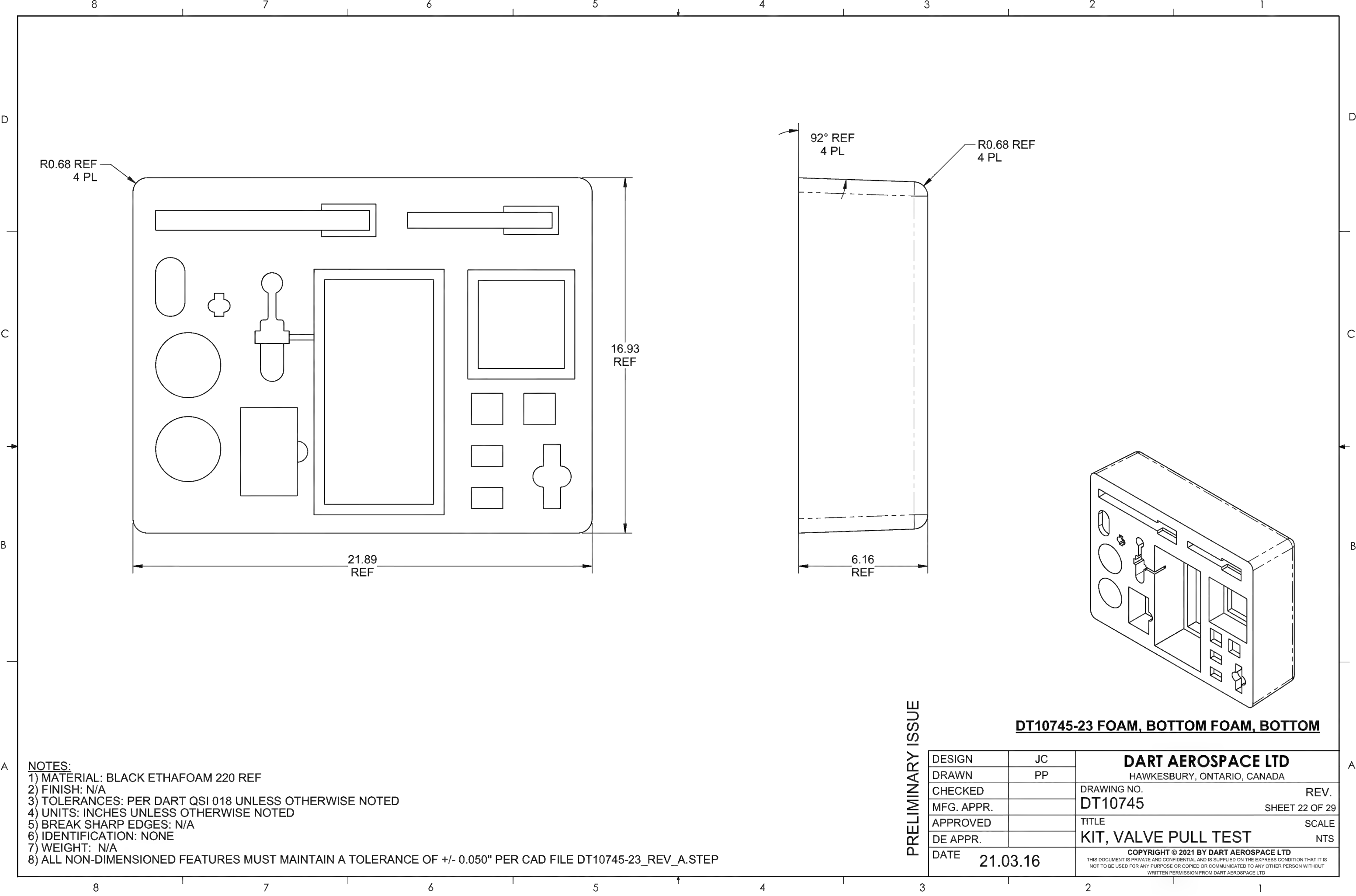


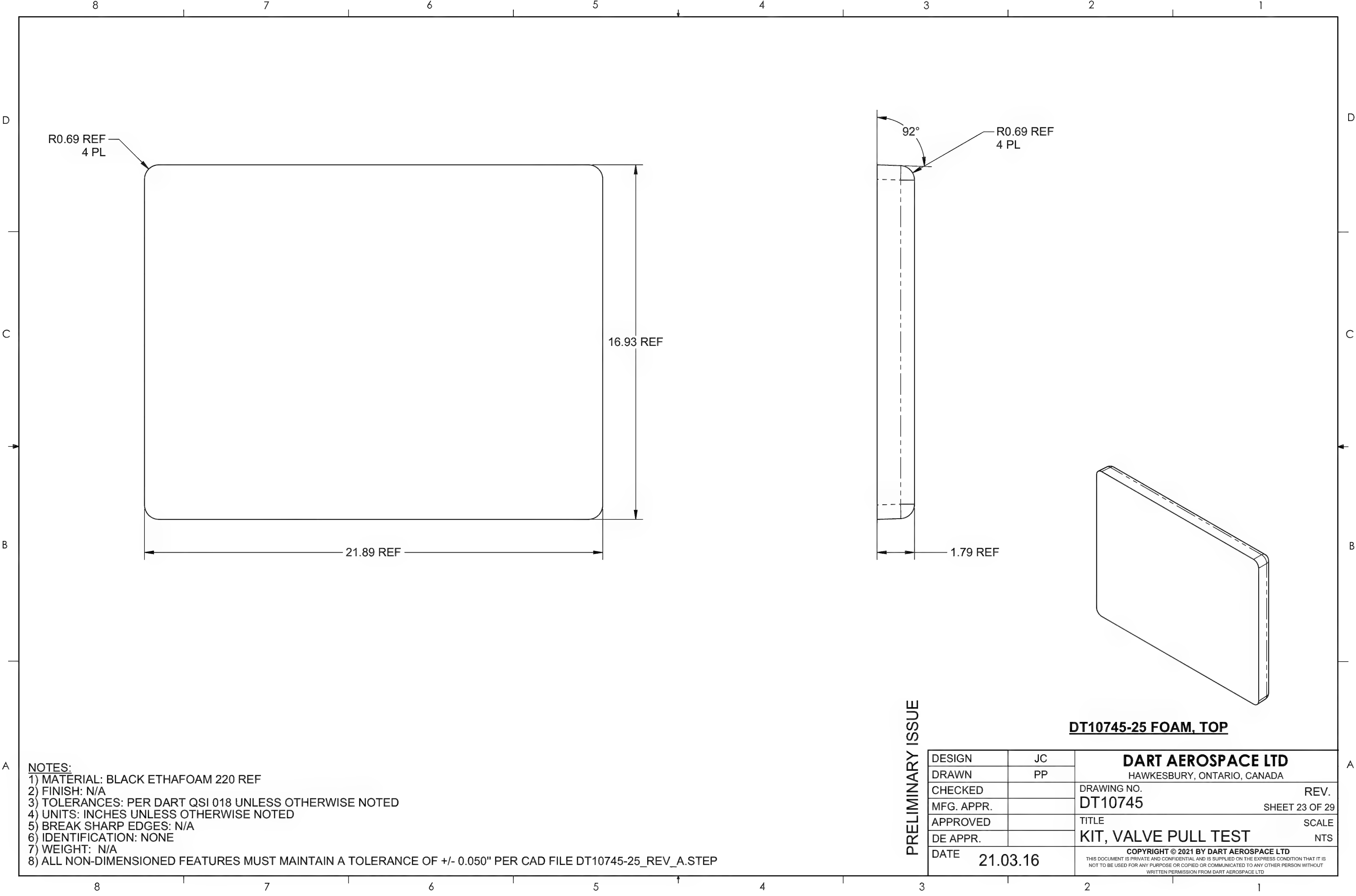
PRELIMINARY ISSUE

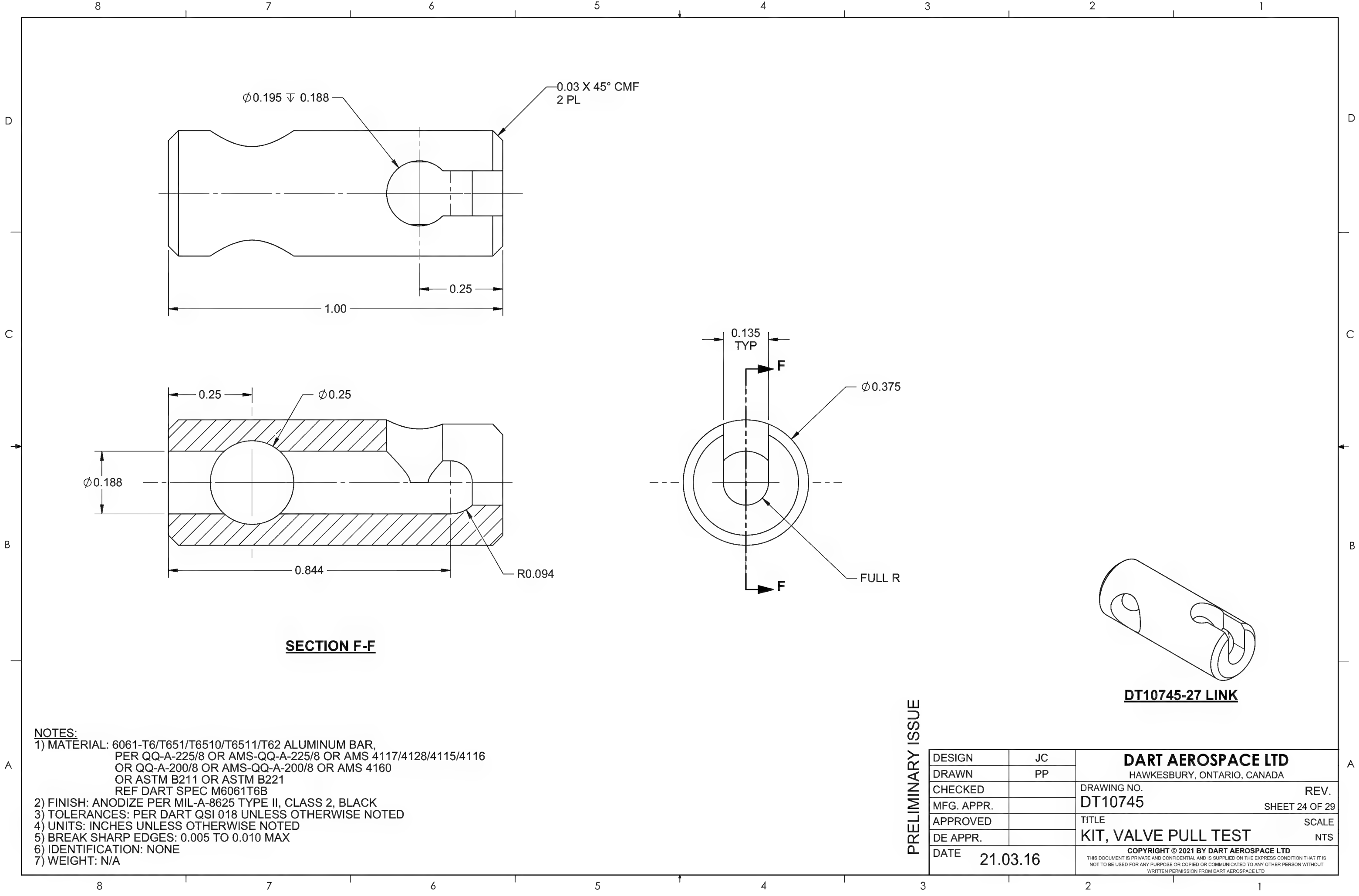
DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO.	REV.
MFG. APPR.		DT10745	SHEET 19 OF 29
APPROVED		TITLE	SCALE
DE APPR.		KIT, VALVE PULL TEST	NTS
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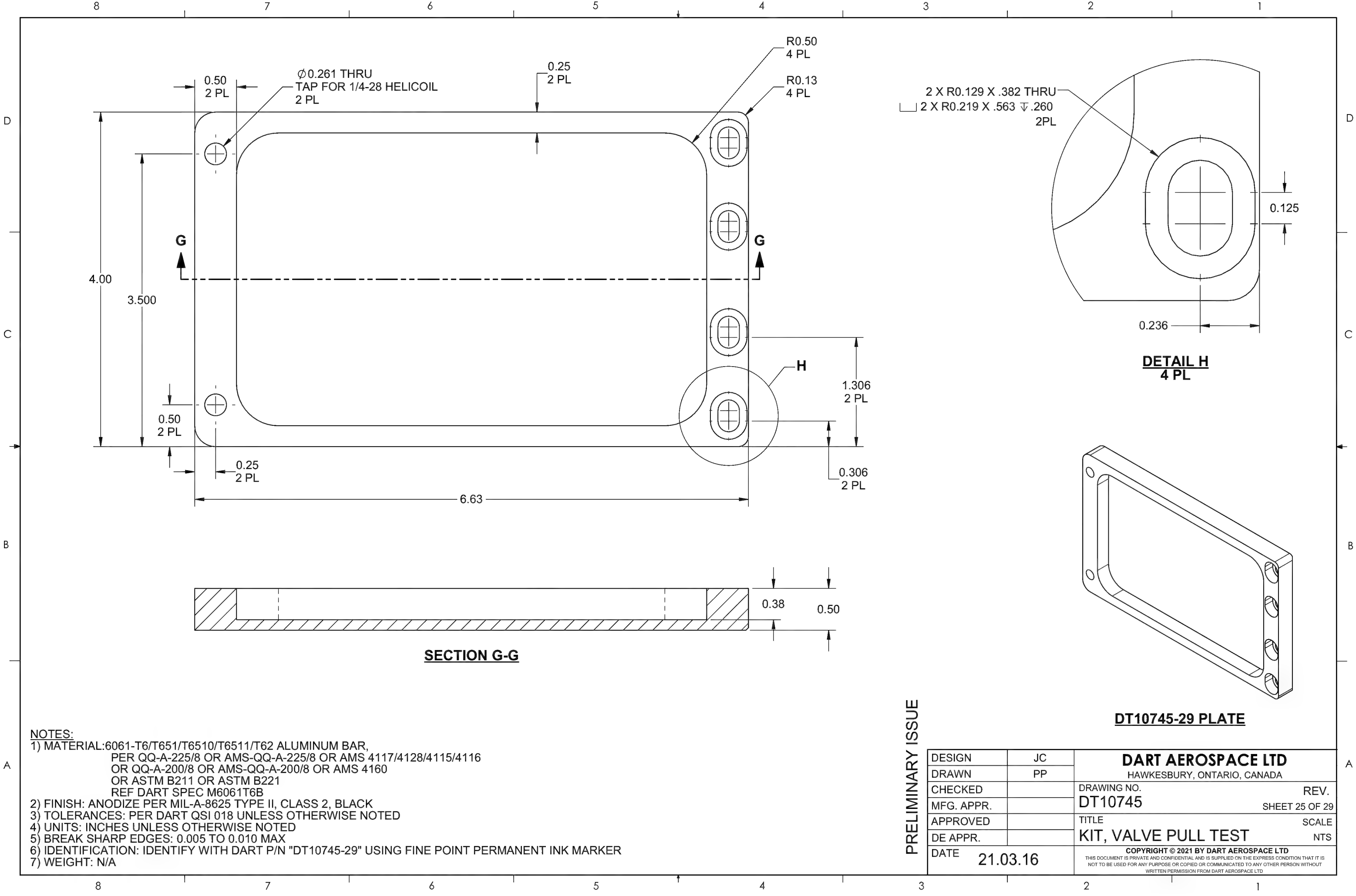


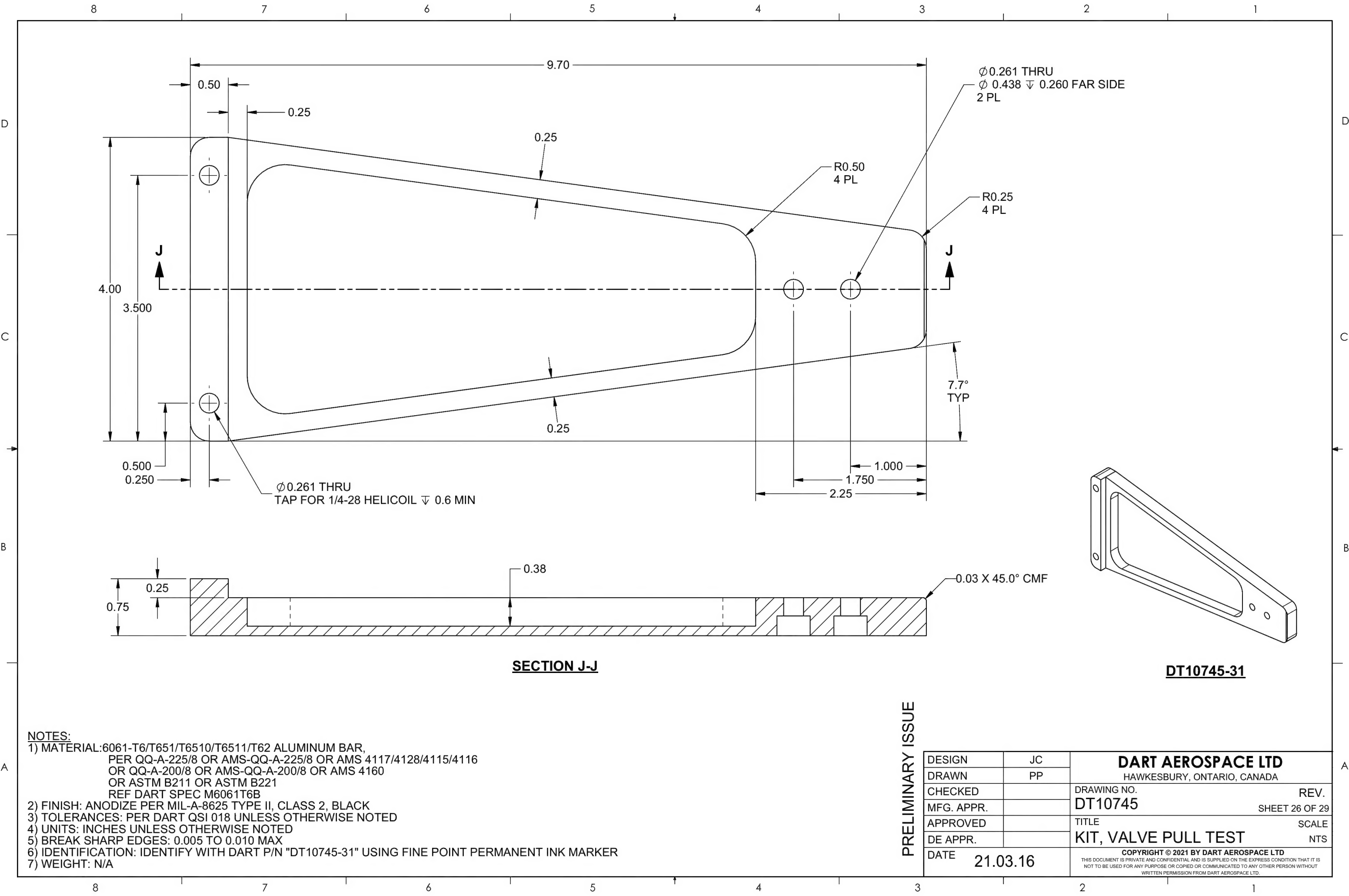








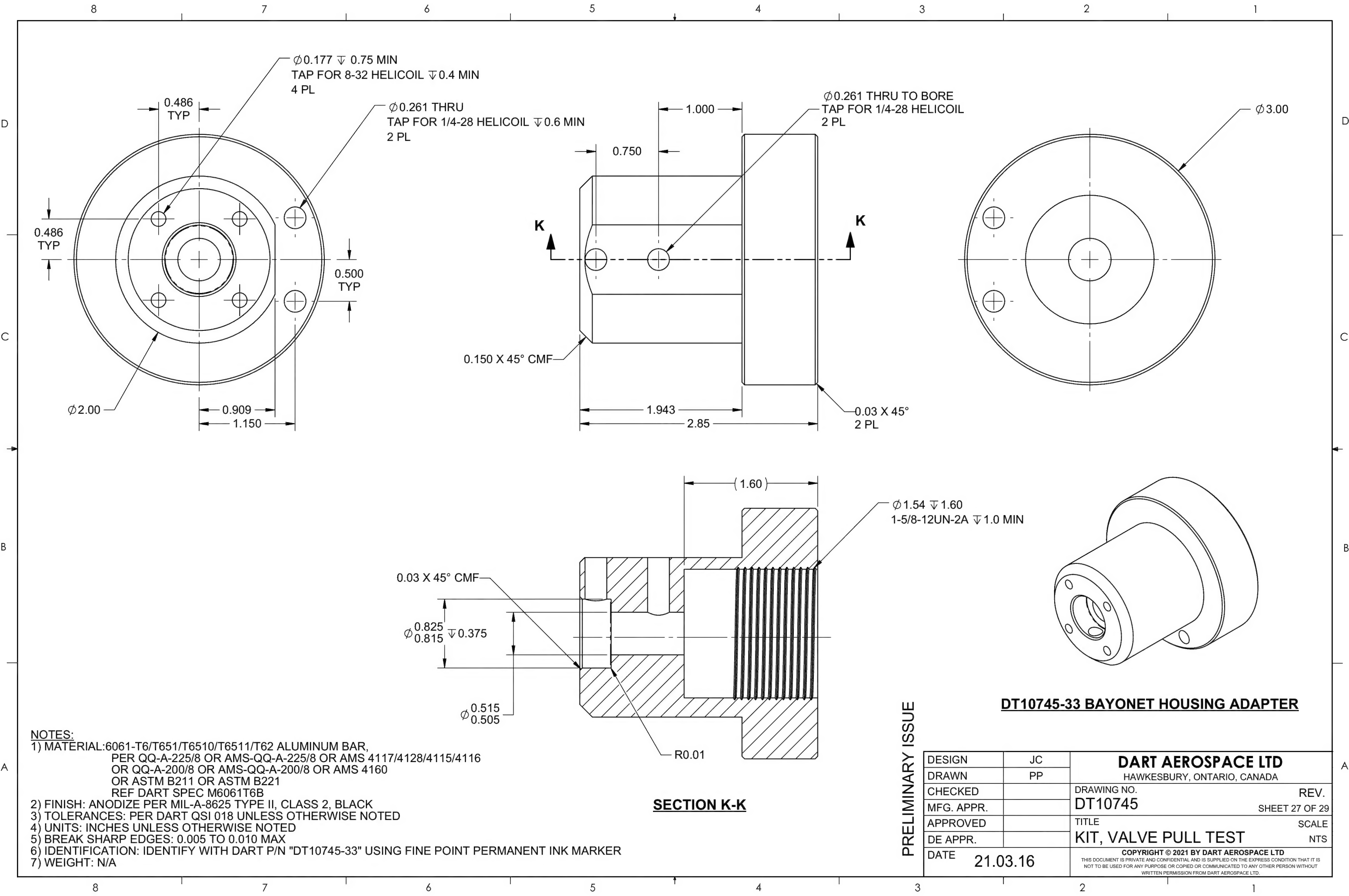




NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR,
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2, BLACK
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-31" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: N/A

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO. DT10745	REV.
MFG. APPR.			SHEET 26 OF 29
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DATE	21.03.16		

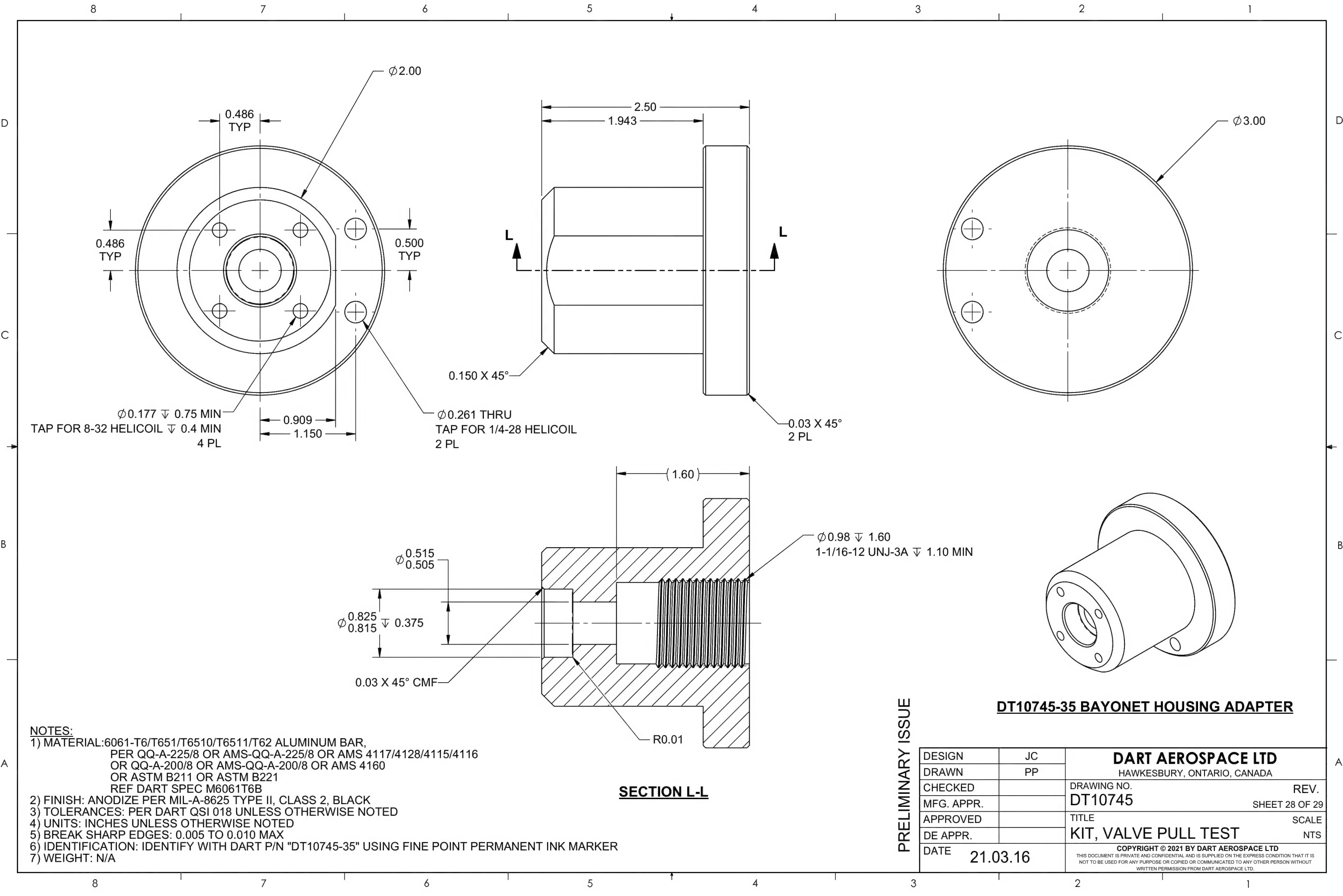


SECTION K-K

DT10745-33 BAYONET HOUSING ADAPTER

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO.	REV.
MFG. APPR.		DT10745	SHEET 27 OF 29
APPROVED		TITLE	SCALE
DE APPR.		KIT, VALVE PULL TEST	NTS
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NOTES:
1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR,
PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
2) FINISH: ANODIZE PER MIL-A-8625 TYPE II, CLASS 2, BLACK
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "DT10745-35" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: N/A

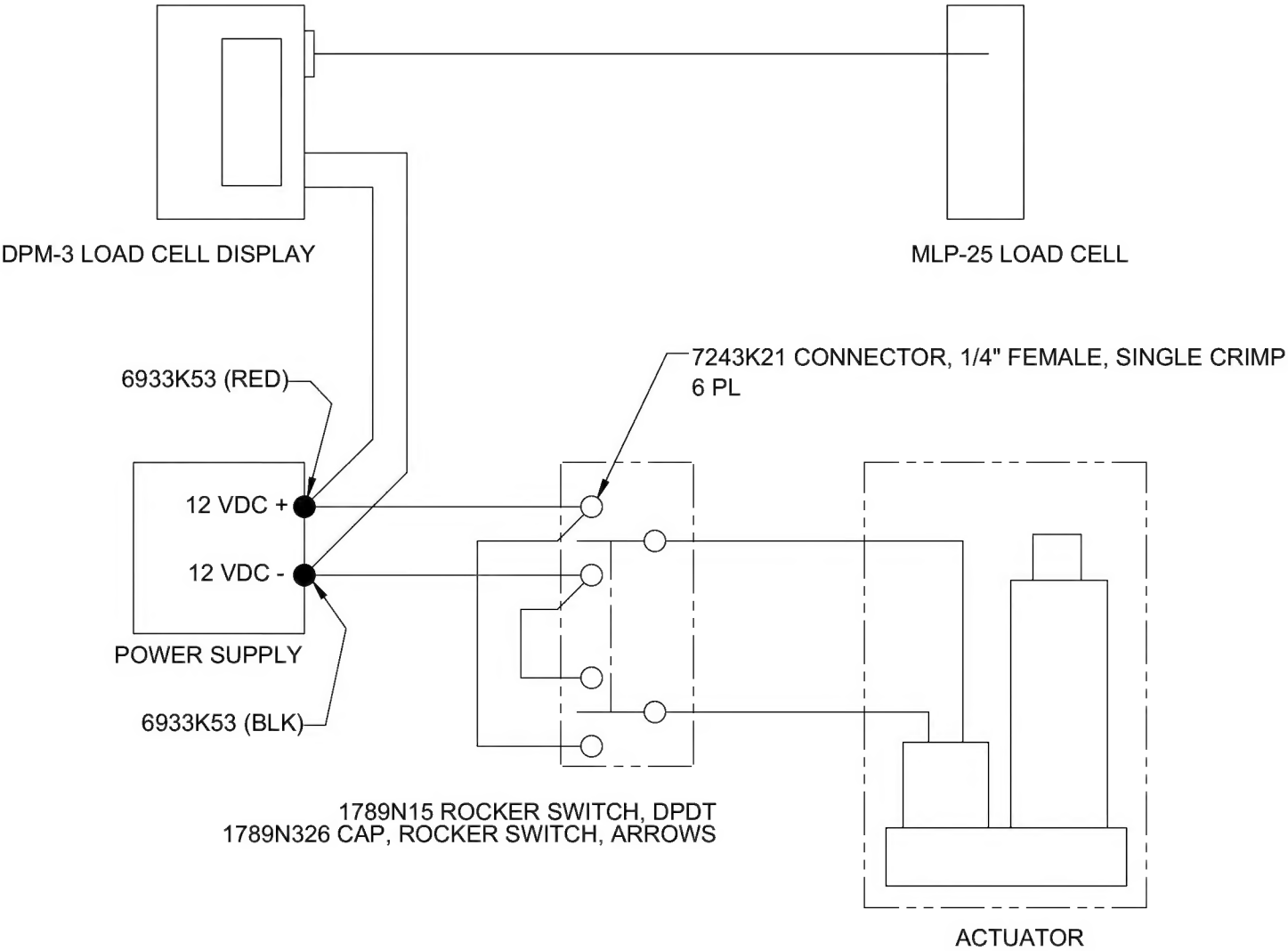
SECTION L-L

PRELIMINARY ISSUE

DT10745-35 BAYONET HOUSING ADAPTER

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PP		
CHECKED		DRAWING NO.	REV.
MFG. APPR.		DT10745	SHEET 28 OF 29
APPROVED		TITLE	SCALE
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QTY	P/N	DESCRIPTION	SUPPLIER
1	1789N15	ROCKER SWITCH, DPDT (REF)	MCMaster CARR
1	1789N326	CAP, ROCKER SWITCH, ARROWS (REF)	MCMaster CARR
6	7243K21	CONNECTOR, 1/4" FEMALE, SINGLE CRIMP	MCMaster CARR
1	6933K53 (BLK)	BANANA CONNECTOR (BLACK)	MCMaster CARR
1	6933K53 (RED)	BANANA CONNECTOR (RED)	MCMaster CARR
A/R		16 AWG WIRE	



ELECTRICAL SCHEMATIC

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: N/A

PRELIMINARY ISSUE

DESIGN	JC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PP	
CHECKED		DRAWING NO. REV.
MFG. APPR.		DT10745 SHEET 29 OF 29
APPROVED		TITLE SCALE
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